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(54) Title: THE USE OF THE AREA POSTREMA TO IDENTIFY THERAPEUTIC COMPOUNDS

(57) Abstract: Methods for identifying or screening or characterizing or assaying or isolating known or candidate compounds that stimulate or inhibit *area postrema* activity, for example *area postrema* activities relating to fuel homeostasis.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01N33/50 G01N33/567 G01N33/566

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>K. MILLER ET AL.: "Membrane-bound and solubilized brain 5HT3 receptors: improved radioligand binding assays using bovine Area Postrema or rat cortex and the radioligands 3H-GR65630, 3H-BRL43694, and 3H-LY278584." <i>SYNAPSE</i>, vol. 11, no. 1, 1992, pages 58-66, XP000987247 WILEY AND SONS, CHICHESTER., GB ISSN: 0887-4476 the whole document</p> <p>---</p> <p style="text-align: center;">-/-</p>	1-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5618 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Griffith, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	B. A. WHELAN ET AL.: "Synthesis and structural, conformational, biochemical, and pharmacological study of new compounds derived from Tropane-3-spiro 4'(5')-imidazoline as potential 5-HT3 receptor antagonists" JOURNAL OF PHARMACEUTICAL SCIENCES., vol. 84, no. 1, January 1995 (1995-01), pages 101-106, XP002161801 AMERICAN PHARMACEUTICAL ASSOCIATION. WASHINGTON., US ISSN: 0022-3549 page 103, column 2 -page 104, column 2	1-20
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Y	K. HERRICK-DAVIS ET AL.: "Detection and characterization of a 5HT1D serotonin receptor-GTP binding protein interaction in porcine and bovine brain" SYNAPSE., vol. 3, 1989, pages 325-330, XP000618699 WILEY AND SONS, CHICHESTER., GB ISSN: 0887-4476 the whole document	1-20
A	K. F. RHODES ET A.: "WAY 100289: pharmacological profile of a novel 5-HT3 receptor antagonist." DRUG DEVELOPMENT RESEARCH., vol. 28, 1993, pages 128-140, XP000987255 NEW YORK, NY, US ISSN: 0272-4391 the whole document	1-20

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